

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 October 2004 (21.10.2004)

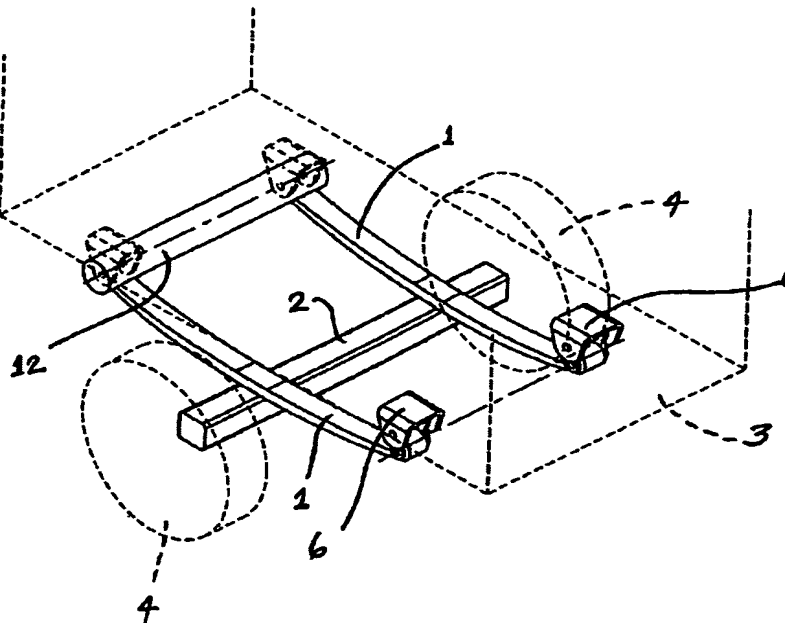
PCT

(10) International Publication Number
WO 2004/089662 A1

- (51) International Patent Classification⁷: B60G 11/04, 21/055, 11/44
- (74) Agent: BRITTER, Keith, Palmer; Britter and Co, 12b Whitehorse Street, Baldock, Hertfordshire SG7 6QN (GB).
- (21) International Application Number: PCT/GB2004/000148
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 19 January 2004 (19.01.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 0308572.7 12 April 2003 (12.04.2003) GB
- (71) Applicant (for all designated States except US): DETROIT STEEL PRODUCTS CO INC [US/US]; P.O. Box 285, Range Line Road, Morristown, IN 46161 (US).
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): REAST, John, Boland [GB/GB]; 6 The Green, Molivers Lane, Bromham, Bedfordshire MK43 8JR (GB).

[Continued on next page]

(54) Title: ANTI-ROLL LEAF SPRING SUSPENSION



(57) Abstract: Vehicle suspension comprising a pair of leaf springs (1) located or locatable on respective opposed side of a vehicle chassis (3) and extending longitudinally thereof, and an anti-roll device (12) which is arranged to extend transversely of the vehicle chassis (3), and means (41, 42, 46) mounting opposed ends (22, 23) of the anti roll device (12) rigidly to respective ones of the pair of opposed leaf springs (1).

BEST AVAILABLE COPY

BEST AVAILABLE COPY

WO 2004/089662 A1